

DEVICES AND TECHNIQUES FOR TREATING GLAUCOMA

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ABSTRACT

A system for non-invasive treatment of a patient's trabecular meshwork to treat primary open-angle glaucoma. The system and technique applies energy *directly* to media within clogged spaces in a patient's trabecular meshwork to increase aqueous outflow facility by (i) localization of microimplantable bodies carrying a selected exogenous
10 chromophore, such as particles with a gold surface, in deeper regions of the trabecular meshwork, and (ii) irradiation of the microimplantables with a selected coherent wavelength having a power level and pulse duration that is strongly absorbed by the surfaces of the microimplantables.